MARUTI

Mechanical Engineering,

PES University, BSK 3rd stage,

Hosakerehalli, Bengaluru-560085

Email-id : maruti.g333@gmail.com

Mobile No.:9590996998

LinkedIn- www.linkedin.com/in/maruti-g-771865164

OBJECTIVES

Seeking the role of Mechanical Engineer Fresher where I would be given an opportunity to utilize the theoretical skills, sense of responsibility and efficiency to help the organization grow.

ACADEMIC DETAILS:

Degree	Institution	Year	Score
B.Tech (Mechanical)	PES University, Bengaluru	2015 - 2018	**7.55 CGPA**
Polytechnic (Diploma)	Govt, Polytechnic Lingasugur	2012-2015	**74.11%**
SSLC	Govt, High school Gurugunta	2009	**72.32%**

COGNITIVE SKILLS

1. Experience on Unigraphics (NX) in Part modelling, Assembly, Drafting.
2. Competent Knowledge on "*Automotive Technology*", "*Computer Aided Design*", "*Hybrid Electrical Vehicles*", *"Two-wheeler Technology*", and "*Non-Destructive Testing*".
3. Exposure to Additive Manufacturing "*Foundry Technology*".
4. Software experiences on MASTERCAM, MAT LAB, CAD/CAM, CATIA, ANSYS, CNC, SOLID EDGE.SOLID WORKS.

FIELDS OF INTEREST:

Automotive, Design, Manufacturing, Sales and Marketing.

PROJECTS:

- **Multi-tool Cutting Machine** (2015)
  A Project under the guidance of Sunil Hiremath. this is the project is a major project of diploma, this cutting machine used not only for cutting metals and the same machine used to cut wood, plastic and other varies materials by changing the cutting tool for different purposes.
- **Static Analysis of MPV (Multi-Purpose Vehicle for Paraplegics)** (Oct15-Jan16)
  A project undertaken with PESU-CORI and Eco Vehicles Pvt. Ltd. under the guidance of Dr. Suresh Nagesh. I contributed in designing the CAD model of an existing MPV for paraplegics, by measuring the required dimensions of the vehicle.
- **Concept of Generating Electricity from Gravitational Energy** (Apr16)
  This was a research work done at PESU-CORI under the guidance of Dr. Suresh Nagesh. A Perpetual Motion Machine (PMM1), an unbalanced flywheel which could theoretically generate electricity due to gravitational force. I developed the CAD model of this concept which was later analysed by my teammate. This concept was selected to be presented at a technical project exhibition organised by IEEE at New Delhi.
- **Quarter car model analysis** (Oct 17)
  A minor assignment taken under the guidance of Mr Lohit Kumar. It is a study of Quarter car suspension system performance under random road profiles, to reduce the amplitude of vibration by varying the stiffness of the suspension system. This is done by using Matlab Simulink software by creating the equations in the Simulink and studying how the vibrations are reduced wrt input sine wave.
- **Property prediction of Heat treated steels.** (jan18)
  A major project undertaken with PMR Lab (Process Modelling research Lab) under the guidance of Dr. T.S. Prasanna Kumar. To predict the hardness & microstructure at any location of the steel component with the mathematical model developed by experimental results of different types of steel. The simulation is done by using TmmFE (Thermo Metallurgical Mechanical Finete Element) software. The relevant mathematical models are fine-tuned by modified Maynier Equation to get less error between the experimental and simulated results. Also, we are publishing international conference paper and Journal paper on this project.

ACCOMPLISHMENTS

• Distinction award at 7^{th} and 8^{th} semester.

Extra-Curricular Activities

• Part of Rotract Club of PES University

• Exploring places, Reading books, Playing games

Active member of Samarpana (sociocultural event of PESU)

OTHER LANGUAGE

- Kannada
- Telugu
- Hindi

Declaration

I hereby declare that the above given information is true to best of my knowledge and belief.

DATE:

PLACE: BANGALORE **(MARUTI)**